

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/001053

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/662 A61P29/00 A61K9/127 A61K47/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BIOSIS, EMBASE, SCISEARCH, MEDLINE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 03/061667 A (MANDEL ARKADY ; BOLTON ANTHONY E (GB); VASOGEN IRELAND LTD (IE)) 31 July 2003 (2003-07-31) page 2, paragraph 3 - paragraph 4 claim 10	1-10
P,X	WO 2004/024123 A (MANDEL ARKADY ; BOLTON ANTHONY E (GB); VASOGEN IRELAND LTD (IE)) 25 March 2004 (2004-03-25) claims 1-8 page 3	1-10
P,X	WO 03/086351 A (ESPERION LUV DEV INC) 23 October 2003 (2003-10-23) paragraph [0022] paragraph [0041] - paragraph [0042] paragraph [0056]	1-10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

31 03. 2005

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-10 (partially); 11, 12

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-10 (partially); 11,12

Use of pharmaceutically acceptable bodies carrying phosphate containing groups for the treatment of acute allergic or toxic reaction from surface contact with allergen or drugs through anaphylactic shock.

2. claims: 1-10 (partially); 13,14

Use of pharmaceutically acceptable bodies carrying phosphate containing groups for the treatment of acute neurological inflammatory injury.

3. claims: 1-10 (partially)

Use of pharmaceutically acceptable bodies carrying phosphate containing groups for the treatment of acute inflammatory disorders excluding the above mentioned disorders.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	DE 102 55 106 A (NOVOSOM AG) 9 June 2004 (2004-06-09) claims 1-8	1-10
P,A	----- WO 2004/037270 A (MANDEL ARKADY ; BOLTON ANTHONY E (GB); VASOGEN IRELAND LTD (IE); MORAN) 6 May 2004 (2004-05-06) page 6, paragraph 1 claims 1,2,5	
X	----- US 2002/001614 A1 (VERMEHREN CHARLOTTE ET AL) 3 January 2002 (2002-01-03) paragraph [0001] paragraph [0019] paragraph [0056] claims 1,5,11,16 paragraph [0124]	1-10
X	----- US 5 262 405 A (GIROD-VAQUEZ SOPHIE ET AL) 16 November 1993 (1993-11-16) column 1, paragraph 2	1-10
A	----- WO 95/23592 A (UNIV BRITISH COLUMBIA) 8 September 1995 (1995-09-08) claims 1-5	
A	----- WO 00/30654 A (HILLS BRIAN ANDREW ; BRITANNIA PHARMACEUTICALS LTD (GB); WOODCOCK DERE) 2 June 2000 (2000-06-02) claims 1,2	
A	----- MYERS S I ET AL: "DECREASES PHOSPHATIDYLGLYCEROL AND INCREASED LYSOLECITHIN ARE INVOLVED IN EARLY RABBIT GALLBLADDER GB INFLAMMATION" GASTROENTEROLOGY, vol. 98, no. 5 PART 2, 1990, page A256, XP008038482 & 91ST ANNUAL MEETING OF THE AMERICAN GASTROENTEROLOGICAL ASSOCIATION AND DIGESTIVE DISEASE WEEK, SAN ISSN: 0016-5085 the whole document	

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03061667	A	31-07-2003	CA 2368656 A1	21-07-2003
			BR 0307018 A	09-02-2005
			BR 0307041 A	26-10-2004
			WO 03061666 A1	31-07-2003
			WO 03061667 A1	31-07-2003
			WO 03061620 A2	31-07-2003
			CA 2416791 A1	21-07-2003
			CA 2471740 A1	31-07-2003
			CA 2473395 A1	31-07-2003
			CA 2473490 A1	31-07-2003
			EP 1467740 A1	20-10-2004
			EP 1467741 A1	20-10-2004
			US 2003175334 A1	18-09-2003
			US 2004013718 A1	22-01-2004
WO 2004024123	A	25-03-2004	WO 2004024123 A1	25-03-2004
WO 03086351	A	23-10-2003	AU 2003230800 A1	27-10-2003
			BR 0309030 A	01-02-2005
			CA 2480763 A1	23-10-2003
			EP 1501482 A1	02-02-2005
			WO 03086351 A1	23-10-2003
			US 2004009216 A1	15-01-2004
DE 10255106	A	09-06-2004	DE 10255106 A1	09-06-2004
			WO 2004047792 A2	10-06-2004
WO 2004037270	A	06-05-2004	WO 2004037270 A1	06-05-2004
US 2002001614	A1	03-01-2002	US 2004166151 A1	26-08-2004
			AT 277935 T	15-10-2004
			AU 778659 B2	16-12-2004
			AU 3153301 A	20-08-2001
			CA 2399821 A1	16-08-2001
			DE 60105977 D1	04-11-2004
			WO 0158910 A2	16-08-2001
			EP 1254143 A2	06-11-2002
			EP 1484332 A2	08-12-2004
			JP 2003522193 T	22-07-2003
			AU 4830101 A	23-10-2001
			AU 4830201 A	23-10-2001
			AU 4830301 A	23-10-2001
			WO 0176555 A2	18-10-2001
			WO 0176556 A2	18-10-2001
			WO 0176644 A2	18-10-2001
			EP 1272160 A2	08-01-2003
			EP 1272161 A2	08-01-2003
			EP 1272225 A2	08-01-2003
			JP 2003530338 T	14-10-2003
			JP 2003530339 T	14-10-2003
			JP 2003530362 T	14-10-2003
			US 2003170297 A1	11-09-2003
			US 2003175205 A1	18-09-2003
			US 2003162748 A1	28-08-2003
US 5262405	A	16-11-1993	FR 2658418 A1	23-08-1991
			AT 129155 T	15-11-1995
			CA 2036629 A1	21-08-1991

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5262405	A	DE 69113848 D1	23-11-1995
		DE 69113848 T2	25-04-1996
		DK 450991 T3	04-03-1996
		EP 0450991 A2	09-10-1991
		JP 4211014 A	03-08-1992

WO 9523592	A	08-09-1995	AU 1751795 A
			WO 9523592 A1
			US 6312719 B1
			US 2004224011 A1
			US 2002110587 A1
			US 2002110588 A1

WO 0030654	A	02-06-2000	AT 229799 T
			AU 1251999 A
			AU 1287800 A
			DE 69810355 D1
			DE 69810355 T2
			DK 1082108 T3
			EP 1082108 A2
			EP 1133301 A1
			GB 2359749 A ,B
			WO 0030654 A1
			JP 2002530344 T
			US 6482391 B1
			US 6824761 B1
